




EchoStar Delivers



EchoStar proudly serves the people of Alaska and Hawaii and will be in full compliance with the digital carriage rules applicable to those states.



Alaska and Hawaii Must Carry Rules

 DISH will launch all digital signals that elected must carry (or are subject to retransmission consent agreements) on June 8, 2007 in Anchorage, Fairbanks, Juneau, & Honolulu.



Broadcast Eligibility & Delivery

Eligibility

- Station must be a full power station licensed by the FCC;
- Station must deliver a good quality signal to EchoStar

Customer Experience Prior to 6/8/2007: Anchorage / Honolulu



Today all LIL channels are provided off of 119 spot in MPEG 2 format



Customers need (1) 30" dish pointed at 119 in order to receive LIL



Current channel count



Anchorage = 8



Honolulu = 9



Planned Anchorage / Honolulu LIL Lineup



Currently offered stations represented in blue

ANCHORAGE		
STN	AFFIL	Map Down
KTUU	NBC - AL	2
KTUU	NBC - HD	2
KTUU2	NBC - SD	10
KTBY	FOX - AL	4
KTBY	FOX - HD	4
KTBY2	FOX - SD	20
KYES	MNT - AL	5
KYES1	Wealth TV	41
KYES4	MNT - SD	22
KAKM	PBS - AL	7
KAKM	PBS - HD	7
KAKM2	PBS - SD	8
KTVA	CBS - AL	11
KTVA	CBS - HD	11
KIMO	ABC - AL	13
KIMO1	ABC - SD	12
KIMO2	CW - MC	46
KDMD	ION - AL	33
KDMD1	ION - SD	32
KDMD2	TMNDO - MC	48
ALSKA	Pub Int - AL	70

HONOLULU		
STN	AFFIL	Map Down
KHON	FOX - AL	2
KHON	FOX - HD	2
KHON2	CW - MC	37
KITV	ABC - AL	4
KITV	ABC - HD	4
KITV3	ABC - SD	40
KITV2	WTHR - MC	42
KFVE	MNT - AL	5
KFVE	MNT - HD	5
KGMB	CBS - AL	9
KGMB	CBS - HD	9
KHET	PBS - AL	11
KHET	PBS - HD	11
KHET2	PBS - SD	18
KHNL	NBC - AL	13
KHNL	NBC - HD	13
KHNL2	WTHR+ - MC	58
KWHE	IND - AL	14
KWHE1	IND - SD	31
KIKU	IND - AL	20
KIKU2	IND - SD	19
KALO	IND - AL	38



Anchorage / Honolulu – As of June 8, 2007



Digital channels available

- Legacy analog will remain available in MPEG 2 on 119 Spot until further notice
- EchoStar voluntarily is carrying the legacy analog signal, in addition to the new digital signals, at significant bandwidth cost to EchoStar
- Not all analog broadcasts elected / delivered digital signal



Digital signals will be transmitted from 110 Spot

- SD simulcast
- HD broadcast
- Multicast broadcasts



Digital Stations will be transmitted in MPEG 4

- Same format (MPEG 4) used for all local HD programming nation-wide
- Necessary to accommodate HD Multicasts



Will require an additional 30" dish pointed at 110 & MPEG 4 Receiver



Customer Experience Prior to 6/8/2007: Fairbanks / Juneau



All local channels are transmitted off of 110 Spot



LIL is transmitted in MPEG 2



Requires a 30" or 1.2M dish pointed at 110



Current channel count



Juneau = 5



Fairbanks = 7



Planned Fairbanks / Juneau LIL Lineup



Currently offered stations represented in blue

FAIRBANKS		
STN	AFFIL	Map Down
KATN	ABC - AL	2
KATN1	ABC - SD	18
KATN2	CW - MC	35
KJNP	IND - AL	4
KJNP1	IND - SD	20
KFXF	FOX - AL	7
KFXF1	FOX - SD	22
KUAC	PBS - AL	9
KUAC	PBS - HD	9
KUAC2	PBS - SD	24
KTVF	NBC - AL	11
KTVF1	NBC - SD	26
K13XD-LP	CBS - AL	13
ALSKA	Pub Int - AL	70

JUNEAU		
STN	AFFIL	Map Down
KTOO	PBS - AL	3
KTOO	PBS - HD	3
KTOO1	PBS - SD	6
KTOO3	GVNRs - MC	35
KATH-LP	CBS - AL	5
KJUD	ABC - AL	8
KJUD1	ABC - SD	11
KJUD2	CW - MC	39
KTNL	CBS - AL	13
KTNL1	CBS - SD	2
KTNL2	TMNDO - MC	41
ALSKA	Pub Int - AL	70



Juneau / Fairbanks LIL lineup as of June 8, 2007



Digital channels available

- Legacy analog will remain available until further notice on 110 in MPEG 2



New digital stations will be transmitted from 148 in MPEG 4

- Reasons for 148 selection include:
 - Available bandwidth
 - Preferable look angle for these Fairbanks & Juneau
 - Will allow new stations to be available to a broader subscriber base
- Did not choose 148 for Honolulu due to lack of footprint



Will require a second 30" dish pointed at 148



As of June 8, 2007

	110°	*119°	148°
Anchorage	30" dish (digital)	30" dish (analog)	
Honolulu	30" dish (digital)	30" dish (analog)	
Juneau/ Fairbanks	30" dish (analog)		30" dish (digital)

*Business as usual.



Alaska and Hawaii are Unique





Cannot Replicate Nationwide

- Remote geographic location
- Frequency overlap in lower 48
- 148 satellite location not available nationwide
- Relatively fewer broadcast stations in these markets



Conclusion

-  EchoStar committed to serving Alaska and Hawaii with digital broadcast service;
-  Congress should not conclude, based on our performance in those states, that the same digital service can be replicated nation-wide